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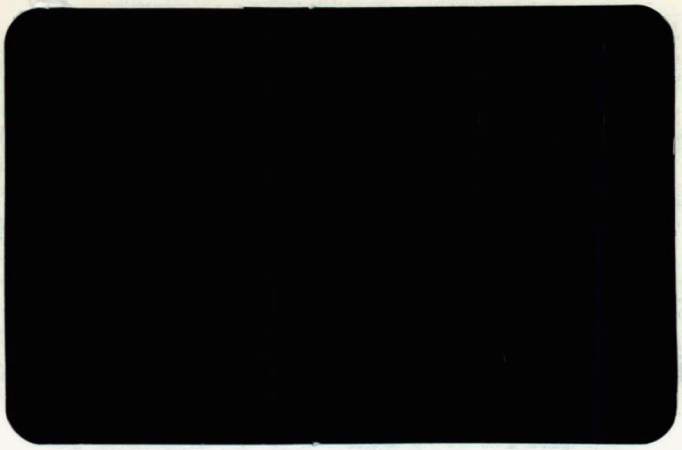

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TEACHER STATISTICS

1984-85

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Each September, all teachers, administrators and other support staff either complete or up-date a Certificated Personnel Record for return to the Department. The information contained on the latest of these forms was analyzed to determine the qualifications, experience, etc., of the present teaching force.

Table I shows an analysis of 27,093 teachers by sex, employment status, and citizenship. Of this total, 15,975 (59%) are females and 11,118 are males. The number of part-time teachers was calculated as 2,133 (7.9%), whereas in the last two years there were 2,003 and 2,144 employed in the Province. This table also shows the citizenship status of the teaching force, with 26,593 (98.2%) indicating that they possess Canadian citizenship compared to (97.5%) two years ago.

Table II shows the marital status of the 1984-85 teaching force with the exception of 133 teachers who did not complete this data item. In all zones about 25% of the teachers are single.

Teachers who indicated that they are employed on a part-time basis were requested to indicate the percentage of the school week that they are employed. Table III shows the number of teachers employed in each zone and the corresponding full-time equivalents. The full-time equivalent percentage compared to the number of teachers employed in all zones is between 96 and 97%. Only 63 of the teachers did not complete this date element.

Table IV shows a frequency distribution of the ages; as well as the average age of teachers in the six zones. As in previous years, Zone 1 has the youngest group of teachers with an average age of 35.8 years, whereas Zone 6 was the oldest group with an average age of 38.7. The average age of teachers in the Province was 38.01 years compared to 37.5 and 36.8 in the last two years. This increase is due in part to the decreased number of teachers in the 20-30 year age group during the past few years.

The academic preparation of the 1984-85 teachers is shown in Tables V and VI. Within the Province, 25,646 (94.7%) have either a professional or a provisional certificate, and 25,749 (95.0%) possess at least one degree. These percentages compare to about 89% in 1979-80 and 75% in 1974-75. An analysis of the qualifications of teachers within each zone shows that the percentage of teachers with degree ranges from about 90% in Zones 1, 2 and 4 to 97% in Zones 3 and 5.

An analysis of the location of the initial teacher training institution attended by Alberta teachers and the location in which the initial certificate was awarded revealed that 81% of the teachers received their initial teacher training in Western Canada, and 83% received their first certificate in one of the four Western Provinces. The percentage of teachers receiving their initial training and initial certificate in Alberta was 69% and 71% respectively.

Tables VII and VIII show the frequency distribution of years of teaching experience and teacher education held by teachers within the six zones, as well as provincial totals. The average experience of teachers is approximately 12.6 years, and the average number of years of post-secondary education is 4.5 years. Table VII shows that the average experience of teachers ranges from 10.9 years in Zone 1 to 13.1 years in Zone 6. A further analysis of teaching experience showed that the average teaching experience with the same board is 9.1 years. The range of this average is from 6.5 years in Zone 1 to 9.8 years in Zone 3 and 9.3 years in Zone 5.

Table IX shows a comparison of a number of characteristics of the Alberta teaching force from 1975-76 to the present time. Although the table shows an increase of 3,962 teachers in the teaching force, the increase is a result of a greater number of teachers completing the Certificated Personnel Record and the increase in the force required for increased services. The table shows that most of the increase results from the greater number of female teachers employed, 55.8% in 1975-76 and 58.9% in 1984-85.

The table also shows that 96% of the present teaching force possess a degree compared to 80% in 1975-76. This compares to 51% in 1969 and 27% in 1958.[1]

Although the average age of teachers has not increased appreciably, there has been a significant increase in the average number of years of teaching experience, 9.9 years to 12.6 years.

(1) Ratsoy, E.W. - Characteristics and Instructional Practices of Alberta Teachers in 1968.69, 1970

TABLE I

DISTRIBUTION OF ALBERTA TEACHERS
BY SEX, EMPLOYMENT STATUS AND CITIZENSHIP

N = 27,093

Sex	
Female	15,975
Male	11,118
Employment Status	
Full-time	24,958
Part-time	2,133
Not specified	2
Citizenship	
Canadian	26,593
Landed Immigrant	444
Work permit	40
Not specified	16

TABLE II

MARITAL STATUS

ZONES	SINGLE	MARRIED	TOTAL
1	478	1,331	1,809
2	527	1,514	2,041
3	2,314	7,770	10,084
4	519	1,645	2,164
5	2,138	6,050	8,188
6	552	2,122	2,674
Provincial Total	6,528	20,432	26,960

TABLE III

NUMBER OF TEACHER EMPLOYED

ZONES	NUMBER OF TEACHERS (N)	FULL-TIME EQUIVALENT (FTE)	FTE/N
1	1,835	1,770	96%
2	2,058	1,993	97%
3	10,116	9,686	96%
4	2,179	2,106	97%
5	8,223	7,887	96%
6	2,682	2,588	96%
TOTAL	27,093	26,030	96%

TABLE IV

AGE DISTRIBUTION OF ALBERTA TEACHERS BY ZONE

Zone	20-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61	62	63	64	65	65	NS	Total	Averages
1	213	457	345	285	240	125	91	54	8	5	4	2	1	5		1,835	35.85
2	225	437	385	340	288	190	108	63	4	5	5	4	1	2		2,057	36.61
3	546	1,670	2,097	2,093	1,570	932	653	401	50	39	19	36	8	2	1	10,117	38.32
4	180	360	405	397	331	228	145	85	17	8	7	9	4	2	1	2,179	38.25
5	376	1,509	1,578	1,742	1,330	771	544	279	27	20	20	17	5	3	2	8,223	38.20
6	166	420	528	519	410	274	219	91	13	12	17	8	3	2		2,682	38.70
Provincial Totals	1,706	4,853	5,338	5,376	4,169	2,520	1,760	973	119	89	72	76	22	16	4	27,093	38.01

TABLE V

DISTRIBUTION OF ALBERTA TEACHERS BY CURRENT TEACHING CERTIFICATE TYPE

ZONES	PROF.	PROV.	STAND. S	STAND. E	COND.	JR. E.	2nd CL.	OTHER	TOTAL
1	1,689	1	20	48		71		6	1,835
2	1,880	5	26	69	-	68		9	2,057
3	9,732	8	82	155	-	131	-	9	10,117
4	1,969	1	29	73		105		2	2,179
5	7,884	14	62	138		112		13	8,223
6	2,462	1	61	61		93	-	4	2,682
Provincial Totals	25,616	30	280	544	-	580	-	43	27,093

TABLE VI

DISTRIBUTION OF ALBERTA TEACHERS BY HIGHEST DEGREE

ZONES	B. ED ONLY	B. ED. & OTHER	OTHER BACHELOR	M.ED. ONLY	M.ED. & OTHER	OTHER MASTER	DOCTORATE	NO DEGREE ON FILE	TOTAL
1	964	366	222	73	4	51	3	152	1,835
2	1,139	381	218	97	3	35	4	180	2,057
3	5,955	1,562	1,156	794	5	251	45	349	10,117
4	1,262	292	263	97	3	38	4	220	2,179
5	3,948	1,574	1,271	720	7	408	33	262	8,223
6	1,431	378	391	210	3	74	14	181	2,682
Provincial Totals	14,699	4,553	3,521	1,991	25	857	103	1,344	27,093

TABLE VII

DISTRIBUTION OF ALBERTA TEACHERS BY YEARS OF TEACHING EXPERIENCE

ZONES	NS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	Total	Average
1	188	52	72	98	100	135	91	98	100	85	58	73	70	44	42	52	477	1,835	10.9
2	126	51	78	110	116	142	100	106	74	67	74	63	73	60	75	63	679	2,057	12.0
3	321	80	218	285	398	494	486	511	448	482	523	492	463	409	412	401	3,694	10,117	12.9
4	78	53	72	77	93	103	96	105	103	92	76	90	93	86	70	79	813	2,179	13.0
5	262	62	104	310	457	458	466	419	384	345	353	332	337	339	350	320	2,925	8,223	12.4
6	107	51	70	104	93	114	115	112	132	98	111	128	126	121	121	85	994	2,682	13.1
Prov. Totals	1,082	349	614	984	1,257	1,446	1,354	1,351	1,241	1,169	1,195	1,178	1,162	1,059	1,070	1,000	9,582	27,093	12.6

TABLE VIII

DISTRIBUTION OF ALBERTA TEACHERS BY YEARS OF TEACHER EDUATION

Zones	NS	1	2	3	4	5	6	7	7	Total	Average
1	17	39	51	42	1,087	377	196	18	8	1,835	4.33
2	21	37	47	60	1,266	403	199	16	8	2,057	4.31
3	50	78	120	94	5,759	2,180	1,676	96	64	10,117	4.56
4	15	62	70	44	1,340	418	215	10	5	2,179	4.24
5	57	41	81	71	4,043	2,072	1,635	142	81	8,223	4.71
6	19	45	49	39	1,493	641	360	24	12	2,682	4.45
Provincial Totals	179	302	418	350	14,988	6,091	4,281	306	178	27,093	4.53

TABLE IX

COMPARISON OF QUALIFICATION AND EXPERIENCE OF ALBERTA TEACHERS

	Number							
	Female	Male	Total	Number with Degrees	Number with Prof. or Prov. Certificates	Average Years of University	Average Age	Average Years of Experience
1975-76	12,908	10,109	23,131	18,574 (80%)	19,483	4.1	36.1	9.9
1976-77	13,237	10,431	23,749	19,791 (83%)	20,243	4.2	36.1	10.3
1977-78	13,207	10,493	23,876	20,621 (86%)	20,878	4.3	36.2	10.5
1978-79	13,322	10,545	23,867	21,209 (89%)	21,190	4.3	36.3	10.6
1979-80	13,550	10,523	24,073	21,804 (91%)	21,751	4.4	36.4	10.7
1980-81	14,146	10,455	24,601	22,602 (92%)	22,188	4.4	36.4	10.7
1981-82	14,546	10,556	25,102	23,304 (93%)	23,209	4.4	36.4	11.2
1982-83	15,451	10,897	26,348	24,748 (94%)	24,644	4.5	36.8	11.9
1983-84	15,625	11,022	26,647	25,237 (95%)	25,129	4.5	37.5	12.3
1984-85	15,975	11,118	27,093	26,049 (96%)	25,646	4.5	38.0	12.6

TABLE X

Location of the 1984-85 Teaching Force During the 1982-83 School Year

Employed with the same employer	24,182	
Attending an Alberta University	924	*
Teaching with another Alberta School Board	576	
Not employed in teaching (returnees)	1,053	
Outside the Province of Alberta	328	
Not specified	30	
TOTAL	27,093	

* Graduates, experience 0	
B.Ed. Degree	491
Other Degree	45
No Degree	9
Graduates, experience > 0	379
	924